

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

Claims 1-14 (previously withdrawn).

Claim 15 (currently amended): A plurality of pellets capable of being consolidated into an electrically shielded composite wherein said pellets comprise a core of conductive fibers; wherein said core has a coating comprising an organic material having a viscosity at a temperature range of from 80 °C – 180 °C no greater than ~~1500~~ 200 cps ~~and being selected to be impregnable into said core without substantial pressurization; and wherein said core and said coating are encased by a polymer.~~

Claim 16 (original): The pellets of claim 15 wherein the pellets are capable of being consolidated into a composite without the addition of any other material.

Claim 17 (previously amended): The pellets of claim 15 wherein the pellets have an average length of between 2mm to 12mm.

Claims 18-22 (cancelled).

Claim 23 (original): The pellets of claim 15 wherein the organic material comprises monomers or oligomers or mixtures thereof.

Claim 24 (previously amended): The pellets of claim 15 wherein the organic material is chosen from the group consisting of bisphenol A, propoxylated bisphenol A, diphenyl ether, diphenyl sulfone, stilbene, diglycidyl ether of bisphenol A, triglycidylisocyanurate, citric acid, pentaerythritol, dicyandiimide, 4,4'-sulfonyldianiline, 3,3'-sulfonyldianiline, stearate-capped propyleneglycol fumarate oligomer, butoxyethylstearate, ethylene carbonate, sorbitan monostearate, hydrogenated vegetable oil, and mixtures thereof.

Claim 25 (original): The pellets of claim 15 wherein the polymer is a thermoset or thermoplastic polymer.

Claim 26 (previously amended): The composite of claim 15 wherein the polymer is chosen from the group consisting of polycarbonate, acrylonitrile butadiene styrene, polycarbonate acrylonitrile butadiene styrene copolymer, polybutylene terephthalate, styrene, polypropylene, and nylon.

Claims 28-30 (previously withdrawn).

Claim 31 (new): A plurality of pellets capable of being consolidated into an electrically shielded composite wherein said pellets comprise a core of conductive fibers; wherein said core has a

coating comprising an organic material having a viscosity at a temperature range of from 80 °C – 180 °C no greater than 1500 cps, wherein the organic material comprises a monomer.

Claim 32 (new): The pellets of claim 31 wherein the pellets are capable of being consolidated into a composite without the addition of any other material.

Claim 33 (new): The pellets of claim 31 wherein the pellets have an average length of between 2mm to 12mm.

Claim 34 (new): The pellets of claim 31 wherein the core is a strand comprising bundles of at least 40 conductive fibers.

Claim 35 (new): The pellets of claim 31 wherein the organic material has a viscosity at a temperature range of from 80 °C – 180 °C no greater than 400 cps.

Claim 36 (new): The pellets of claim 31 wherein the organic material has a viscosity at a temperature range of from 80 °C – 180 °C no greater than 200 cps.

Claim 37 (new): The pellets of claim 31 wherein the organic material has a viscosity at a temperature range of from 80 °C – 180 °C no greater than 75 cps.

Claim 38 (new): The pellets of claim 31 wherein the organic material has a viscosity at a temperature range of from 80 °C – 180 °C no greater than 5 cps.

Claim 39 (new): The pellets of claim 31 wherein the organic material is chosen from the group consisting of bisphenol A, propoxylated bisphenol A, diphenyl ether, diphenyl sulfone, stilbene, diglycidyl ether of bisphenol A, triglycidylisocyanurate, citric acid, pentaerythritol, dicyandiimide, 4,4'-sulfonyldianiline, 3,3'-sulfonyldianiline, butoxyethylstearate, ethylene carbonate, sorbitan monostearate, hydrogenated vegetable oil, and mixtures thereof.

Claim 40 (new): The pellets of claim 31 wherein the polymer is a thermoset or thermoplastic polymer.

Claim 41 (new): The composite of claim 31 wherein the polymer is chosen from the group consisting of polycarbonate, acrylonitrile butadiene styrene, polycarbonate acrylonitrile butadiene styrene copolymer, polybutylene terephthalate, styrene, polypropylene, and nylon.